



## JP10039509A2: NEGATIVE TYPE IMAGE RECORDING MATERIAL

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Country: JP Japan

Kind:

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Issued/Filed Dates: Feb. 13, 1998 / July 22, 1996

Application Number: JP1996000192517

IPC Class: G03F 7/029; B41C 1/055;

Abstract: **Problem to be solved:** To provide a negative type image recording material capable of direct plate making from digital data, excellent in stability during storage, ensuring satisfactory allowance of conditions in heating after exposure and excellent in printing resistance at the time of printing.

**Solution:** This image recording material contains following (A)□(D) of negative image recording material. (A) an onium salt compd. contg. sulfuric acid as a counter ion and generating sulfonic acid by photodegradation or thermal decomposition, (B) a crosslinking agent causing crosslinking under the acid, preferably a phenol derive. having two or more hydroxymethyl or alkoxymethyl groups bonding to the benzene ring in one molecule (C), a high molecular compd. having alkali-soluble groups such as novolak resin and (D) an IR absorber which is a dye or pigment absorbing IR in the wavelength range of 720-1,200nm.

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Other Abstract Info: none

Foreign References: (No patents reference this one)



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